

CERTIFICATE OF ANALYSIS

(Certificate No. KMS006002-04)

Release Date: 01/04/2026

Re-test Date: 31/03/2029

N-Nitroso Desmethyl Sumatriptan

Identification

Chemical Name :

N-methyl-1-(3-(2-(methyl(nitroso)amino)ethyl)-1H-indol-5-yl)methanesulfonamide (Mixture of E/Z Isomer)

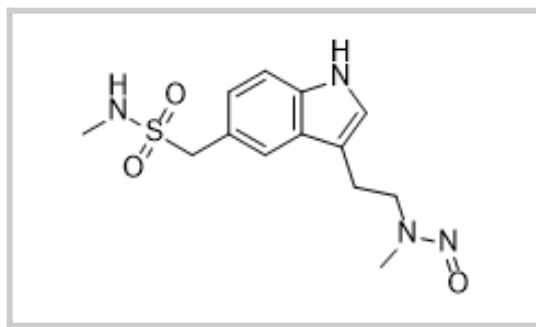
Alt. Name : N-Nitroso Sumatriptan EP Impurity B

CAT No. : KMS006002

CAS No. : Not Available

Molecular Formula : C₁₃H₁₈N₄O₃S

Molecular Weight : 310.37



Analytical Information

Batch No. : S006002-114-233

Description : Light Yellow Semi Solid

HPLC Purity : 97.41 %

Weight Loss By TGA : 1.34 %

% Potency : 96.1 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be shipped at room temperature

% Potency = [100 - 1.34(Weight Loss By TGA)] x [97.41(HPLC Purity)]/100 = 96.1 %

-Mixture of isomer

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		01/04/2026

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA